

Title (en)
C1-SYMMETRIC BISPHOSPHINE LIGANDS AND THEIR USE IN THE ASYMMETRIC SYNTHESIS OF PREGABALIN

Title (de)
C1-SYMMETRISCHE BISPHOSPHINLIGANDEN UND DEREN VERWENDUNG BEI DER ASYMMETRISCHEN SYNTHESE VON PREGABALIN

Title (fr)
LIGANDS DE BISPHOSPHINE C1-SYMMETRIQUES ET LEUR UTILISATION DANS LA SYNTHÈSE ASYMETRIQUE DE PREGABALINE

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Abstract (en)
[origin: WO2005087370A1] Materials and methods for preparing (S)-(+)-3-(aminomethyl)-5-methylhexanoic acid and structurally related compounds via enantioselective hydrogenation of prochiral olefins are disclosed. The methods employ novel chiral catalysts, which include C1-symmetric bisphosphine ligands bound to transition metals.

IPC 8 full level
B01J 31/24 (2006.01); **C07B 53/00** (2006.01); **C07C 227/32** (2006.01); **C07C 229/06** (2006.01); **C07C 231/18** (2006.01); **C07C 253/30** (2006.01); **C07F 9/50** (2006.01); **C07F 9/53** (2006.01); **C07F 9/54** (2006.01); **C07C 229/08** (2006.01); **C07C 233/47** (2006.01); **C07C 233/51** (2006.01); **C07C 255/19** (2006.01)

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C-Set (source: EP US)
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